

CITY COUNCIL MINUTES – Draft

April 13, 2015

h) Standard Purchasing Resolution 2: Award to Low Bidder Meeting Specifications – Major Street Pavement Marking

Resolution #2015-04-051-J-4h

RESOLVED, That Troy City Council hereby **AWARDS** a two (2) year contract with the option to renew for one (1) additional year to the low bidder meeting specifications (Local Preference applied); *PK Contracting, Inc. of Troy, MI* to provide Major Street Pavement Marking Services on an as needed basis and at unit prices as detailed in the bid tabulation opened March 26, 2015, a copy of which shall be **ATTACHED** to the original Minutes of this meeting and as detailed below by year; with the contract expiring June 30, 2018.

<u>2 Yr. Contract</u>	<u>Amount</u>
1	\$271,247.80
2	\$272,373.00
Total 2 Yr. Contract	\$543,620.80
1 Year Renewal	\$272,373.00

BE IT FURTHER RESOLVED, That the award is **CONTINGENT** upon the contractor's submission of properly executed bid and contract documents, including bonds, insurance certificates and all other specified requirements.

2 [6/30/2016
6/30/2017
1 [6/30/2018

BLANKET ORDER

Ship To

CITY OF TROY
Streets
4693 ROCHESTER ROAD
TROY, MI 48085

Bill To

CITY OF TROY
Streets
4693 ROCHESTER ROAD
TROY, MI 48085

No. 2015-00001930
DATE: 04/21/2015
PAGE: 1 of 1
FOB DESTINATION

VENDOR NO. 101837

Vendor

P K CONTRACTING INC
1965 BARRETT
TROY, MI 48084

EXPIRATION DATE
06/30/2017
COUNCIL RESOLUTION
2015-04-051-J-4h

QUANTITIES ARE ESTIMATED AND WILL BE ORDERED AS NEEDED

QUANTITY	UNIT	DESCRIPTION	UNIT COST	TOTAL COST
1	Lump Sum	PAVEMENT MARKING FURNISH TWO-YEAR REQUIREMENTS OF MAJOR STREET PAVEMENT MARKING. NTE \$160,000.00 total cost over two (2) years for all items. COMPLETION: By June 30th of each year. PAYMENT TERMS: Net 30. All work performed in accordance with the attached price sheet and your bid proposal approved by City Council on Monday, April 13, 2015.	160,000.0000	\$160,000.00
Entered By: Enna Bachelor				\$160,000.00

Special Instructions:

INSURANCE AND BONDS REQUIRED PRIOR TO COMMENCEMENT OF ANY WORK RELATED TO THIS CONTRACT. Quantities are estimated and PK Contracting will only be paid for the work completed which may be more or less than the quantities shown. Contract to furnish two (2) year requirements of Major Street Pavement Marking with an option to renew for one(1) additional year in accordance with the specifications of ITB-COT 15-08 at prices stated on the attached price sheet.

TERMS & CONDITIONS

1. Purchases of Municipalities are exempt from State Sales and Federal Excise Taxes.
2. Prior to acceptance, vendor agrees to provide City with information under the Right-to-Know Law, P.A. 1986, No. 80, and fully comply with all terms and conditions of the Michigan Occupational Safety and Health Act, MCL 408.1001, et seq. including vendor shall provide City with an "MSDS". Vendor also agrees to be responsible for all required labeling.
3. In cases of emergency/disaster, the City can purchase up to six(6) times the order amount for a period of six(6) months at the price contained in the contract.
4. Purchase Orders are signed electronically based upon computer generated "on-line" authorized approvals. Authentic signatures are on file in the City of Troy Purchasing Department.

NOTE: The City could put the vendor on notice that vendors will be held financially responsible for any claims or awards made against the City as a result of the vendor's action. If the City has to defend the initial lawsuit, the City will bring in the vendor as a co-defendant or sue the vendor, either as the result of settling a claim or the conclusion of the lawsuit.

I HEREBY CERTIFY THAT THIS ORDER IS PROPERLY AUTHORIZED AND APPROVED.



Opening Date -- 3/26/15
Date Reviewed -- 3/26/15

CITY OF TROY
BID TABULATION
STREET PAVEMENT MARKINGS

ITB-COT 15-08
Page 1 of 4

VENDOR NAME:

Check Number
Check Amount

R. S. Contracting, Inc.	P. K. Contracting, Inc.
Casco Township, MI	Troy, MI
#2010410131	#1612700879
\$ 4,000.00	\$ 4,000.00

PROPOSAL-Two-Year Requirements of Major Street Pavement Marking with an Option to Renew for One Additional Year

ITEM #	EST QTY Lineal Feet	DESCRIPTION	Year 1 Unit Price	Year 2 Unit Price	Year 1 Unit Price	Year 2 Unit Price
PROPOSAL A <u>Purchase of Thermoplastic Extrude</u>						
1	2,000	Thermoplastic Extrude - Alkyd White	\$ 40.000	\$ 40.000	\$ 40.000	\$ 40.000
2	1,000	Thermoplastic Extrude - Alkyd Yellow	\$ 40.000	\$ 40.000	\$ 35.000	\$ 35.000
ESTIMATED TOTAL OF PROPOSAL A:			\$ 120,000.00	\$ 120,000.00	\$ 115,000.00	\$ 115,000.00
PROPOSAL A -GRAND TOTAL- 2 YEARS			Estimated	\$ 240,000.00	Estimated	\$ 230,000.00
PROPOSAL B <u>Retrace Existing Markings</u>						
1	173,800	4" Solid White	\$ 0.128	\$ 0.13	\$ 0.127	\$ 0.13
2	54,800	4" Skip White	\$ 0.128	\$ 0.13	\$ 0.127	\$ 0.13
3	281,000	4" Solid Yellow	\$ 0.128	\$ 0.13	\$ 0.127	\$ 0.13
4	33,000	4" Skip Yellow	\$ 0.128	\$ 0.13	\$ 0.127	\$ 0.13
5	1,000	4" yellow and/or white	\$ 1.000	\$ 1.000	\$ 0.50	\$ 0.50
ESTIMATED TOTAL OF PROPOSAL B:			\$ 70,452.80	\$ 71,538.00	\$ 69,410.20	\$ 71,038.00
PROPOSAL B -GRAND TOTAL- 2 YEARS			Estimated	\$ 141,990.80	Estimated	\$ 140,448.20
<u>Marking New Pavement - Sprayable</u>						
PROPOSAL C <u>Thermoplastic</u>						
1	500	4" Solid white	\$ 0.23	\$ 0.25	\$ 0.35	\$ 0.35
2	500	4" Skip white	\$ 0.23	\$ 0.25	\$ 0.35	\$ 0.35
3	500	4" solid yellow	\$ 0.23	\$ 0.25	\$ 0.35	\$ 0.35
4	500	4" skip yellow	\$ 0.23	\$ 0.25	\$ 0.35	\$ 0.35
ESTIMATED TOTAL OF PROPOSAL C:			\$ 460.00	\$ 500.00	\$ 700.00	\$ 700.00
PROPOSAL C -GRAND TOTAL- 2 YEARS			Estimated	\$ 960.00	Estimated	\$ 1,400.00
PROPOSAL D <u>Pavement Marking Legend - Removal</u>						
1	2 ea	School Legend	\$ 40.00	\$ 40.00	\$ 40.00	\$ 40.00
2	35 ea	Only Legend	\$ 28.00	\$ 28.00	\$ 30.00	\$ 30.00
3	35 ea	Right Arrow & Left Arrow	\$ 20.00	\$ 20.00	\$ 25.00	\$ 25.00
4	2 ea	Straight Left turn or Right turn	\$ 30.00	\$ 30.00	\$ 30.00	\$ 30.00
5	200 L.F.	Stop bars (Local Rd.) - 12"	\$ 1.00	\$ 1.00	\$ 1.25	\$ 1.25
6	330 L.F.	Stop bars (Major Rd.) - 24"	\$ 2.00	\$ 2.00	\$ 2.50	\$ 2.50
7	450 L.F.	Cross walk (Major Rd.) -24"	\$ 2.00	\$ 2.00	\$ 2.50	\$ 2.50
8	5,000 L.F.	Curing Compound Removal	\$ 0.50	\$ 0.50	\$ 1.00	\$ 1.00
ESTIMATED TOTAL OF PROPOSAL D:			\$ 6,080.00	\$ 6,080.00	\$ 9,265.00	\$ 9,265.00
PROPOSAL D -GRAND TOTAL- 2 YEARS			Estimated	\$ 12,160.00	Estimated	\$ 18,530.00
PROPOSAL E <u>Pavement Marking Tape - 3M Stamark</u>						
1	2 ea	School Legend	190.00	190.00	175.00	175.00
2	35 ea	Only Legend	95.00	95.00	100.00	100.00
3	35 ea	Right Arrow & Left Arrow	90.00	90.00	90.00	90.00
4	2 ea	Straight Left turn or Right turn	150.00	150.00	150.00	150.00
5	200 L.F.	Stop bars (Local Rd.) - 12"	4.00	4.00	4.00	4.00
6	330 L.F.	Stop bars (Major Rd.) - 24"	8.00	8.00	8.00	8.00
7	450 L.F.	Cross walk (Major Rd.) -24"	8.00	8.00	8.00	8.00
8	200 ea	Sharrow	125.00	125.00	155.00	155.00
ESTIMATED TOTAL OF PROPOSAL E:			\$ 39,195.00	\$ 39,195.00	\$ 45,340.00	\$ 45,340.00
PROPOSAL E -GRAND TOTAL- 2 YEARS			Estimated	\$ 78,390.00	Estimated	\$ 90,680.00

Opening Date -- 3/26/15
Date Reviewed -- 3/26/15

CITY OF TROY
BID TABULATION
STREET PAVEMENT MARKINGS

ITB-COT 15-08
Page 2 of 4

VENDOR NAME:

VENDOR NAME:			R. S. Contracting, Inc.		P. K. Contracting, Inc.	
Item #	Est Qty Lineal Ft	DESCRIPTION	Year 1	Year 2	Year 1	Year 2
			Unit Price	Unit Price	Unit Price	Unit Price
PROPOSAL F Recessed Urethane - per MDOT Specifications						
1	2 ea	School Legend	160.00	160.00	155.00	155.00
2	35 ea	Only Legend	95.00	95.00	95.00	95.00
3	35 ea	Right Arrow & Left Arrow	85.00	85.00	85.00	85.00
4	2 ea	Straight Left turn or Right turn	140.00	140.00	140.00	140.00
5	200 L.F.	Stop bars (Local Rd.) - 12"	3.50	3.50	3.45	3.45
6	330 L.F.	Stop bars (Major Rd.) - 24"	7.00	7.00	6.90	6.90
7	450 L.F.	Cross walk (Major Rd.) -24"	7.00	7.00	6.90	6.90
8	200 ea	Sharrow	90.00	90.00	145.00	145.00
ESTIMATED TOTAL OF PROPOSAL E:			\$ 31,060.000	\$31,060.000	\$ 41,962.000	\$41,962.000
PROPOSAL F -GRAND TOTAL- 2 YEARS			Estimated	\$ 62,120.00	Estimated	\$ 83,924.00

ITEM #	EST QTY Lineal Feet	DESCRIPTION	Year 1 Unit Price	Year 2 Unit Price	Year 1 Unit Price	Year 2 Unit Price
PROPOSAL G 03T811 (A10) // 03T811 (A90)						
1	1000	Recessing Pavement Marking	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00
2	1000	Primerless Patterned 4" Tape	\$ 3.00	\$ 3.00	\$ 2.00	\$ 2.00
ESTIMATED TOTAL OF PROPOSAL G:			\$ 4,000.00	\$ 4,000.00	\$ 3,000.00	\$ 3,000.00
PROPOSAL G -GRAND TOTAL- 2 YEARS			Estimated	\$ 8,000.00	Estimated	\$ 6,000.00

**GRAND TOTALS OF ESTIMATED A - G
PROPOSAL A TO G -GRAND TOTAL- 2 YEARS**

\$ 271,247.80	\$272,373.00	\$ 284,677.20	\$286,305.00
	\$543,620.80		\$570,982.20

PROGRESS PAYMENTS:

COMPLETION SCHEDULE:

Can Meet

Cannot Meet - but offers

CONTACT INFORMATION Hr of Operations
24 Hr Phone No.

YEARS OF EXPERIENCE:

LIST OF EQUIPMENT Yes or No

PREQUALIFICATION REQUIREMENTS:

MDOT Classification:

Company Numerical Rating:

INSURANCE:

Can Meet

Cannot Meet

PAYMENT TERMS:

WARRANTY:

EXCEPTIONS:

ACKNOWLEDGEMENT:

FORMS:

Signed Y or N

Attached - Y or N

blank	per contract unit prices, net 30
X	X
blank	24 hours/7 days
810-217-1659	248-362-2130
blank	35
Yes	Yes
N-3	see attached
1128	blank
X	X
N/30	Net 30
blank	Manufacturer
blank	N/A
Yes	Yes
Yes	Yes

HIGHLIGHTED AREA DENOTES LOCAL PREFERENCE BIDDER

ATTEST:

Enna Bachelor

Sara Teets

Susan Riesterer



MaryBeth Murz,
Purchasing Manager



500 W. Big Beaver.
Troy, MI 48084
248.524.3300
troymi.gov

March 30, 2015

Mr. Aden Shea
P.K Contracting
1965 Barrett Drive
Troy MI 48084

Re: ITB-COT 15-08 LOCAL PREFERENCE

Dear Mr. Shea:

ITB-COT 15-08, Street Pavement Markings, Bid Proposal Section, Page 8 of 10, states:

The City of Troy reserves the right to award a contract to a local business, one which pays City of Troy taxes (real and/or personal), if the bid of a local vendor is within 5% of the lowest responsive and responsible non-local bidder, then the local vendor is given one chance to match the low bid.

This allows the City of Troy to extend an opportunity for local Troy businesses to match the pricing of low bidders when their pricing comes within 5% of the low bidders pricing.

The pricing offered by P.K. Contractors meets this requirement. The City of Troy hereby extends an opportunity to P.K. Contracting to match the pricing of the low bidder. Please review the attached bid tabulation and return this letter via fax or email to the attention of Enna A. Bachelor, Buyer at 248.619.7608 or enna.bachelor@troymi.gov. Respond no later than 12:00 p.m. on Wednesday, April 1, 2015.

CHECK ONE:

[☒] P.K. Contracting, Inc. of Troy, MI will match all the pricing of R.S. Contracting, Inc. of Casco Township, MI as stipulated in the attached bid tabulation without exception.

[☐] P.K. Contracting, Inc. will not match the pricing of R.S. Contracting, Inc.

Print Name: ADEN SHEA
X AS
Signature of Authorized Company Representative

Title: VICE PRESIDENT
Date: 3.30.15

Sincerely,

Enna A. Bachelor
Buyer

Attachment

troymi.gov

500 W. Big Beaver, Troy, MI 48084

248.524.3300

ITEM #	EST QTY	Lineal Feet	DESCRIPTION	Year 1 Unit Price	Year 2 Unit Price	Year 1 Unit Price	Year 2 Unit Price
PROPOSAL A <u>Purchase of Thermoplastic Extrude</u>							
1	2,000		Thermoplastic Extrude - Alkyd White	\$ 40.000	\$ 40.000		
2	1,000		Thermoplastic Extrude - Alkyd Yellow	\$ 40.000	\$ 40.000		
ESTIMATED TOTAL OF PROPOSAL A:				\$ 120,000.00	\$ 120,000.00		
PROPOSAL A -GRAND TOTAL- 2 YEARS				Estimated	\$ 240,000.00	Estimated	
PROPOSAL B <u>Retrace Existing Markings</u>							
1	173,800		4" Solid White	\$ 0.128	\$ 0.13		
2	54,800		4" Skip White	\$ 0.128	\$ 0.13		
3	281,000		4" Solid Yellow	\$ 0.128	\$ 0.13		
4	33,000		4" Skip Yellow	\$ 0.128	\$ 0.13		
5	1,000		4" yellow and/or white	\$ 1.000	\$ 1.000		
ESTIMATED TOTAL OF PROPOSAL B:				\$ 70,452.80	\$ 71,538.00		
PROPOSAL B -GRAND TOTAL- 2 YEARS				Estimated	\$ 141,990.80	Estimated	
<u>Marking New Pavement - Sprayable</u>							
PROPOSAL C <u>Thermoplastic</u>							
1	500		4" Solid white	\$ 0.23	\$ 0.25		
2	500		4" Skip white	\$ 0.23	\$ 0.25		
3	500		4" solid yellow	\$ 0.23	\$ 0.25		
4	500		4" skip yellow	\$ 0.23	\$ 0.25		
ESTIMATED TOTAL OF PROPOSAL C:				\$ 460.00	\$ 500.00		
PROPOSAL C -GRAND TOTAL- 2 YEARS				Estimated	\$ 960.00	Estimated	
PROPOSAL D <u>Pavement Marking Legend - Removal</u>							
1	2 ea		School Legend	\$ 40.00	\$ 40.00		
2	35 ea		Only Legend	\$ 28.00	\$ 28.00		
3	35 ea		Right Arrow & Left Arrow	\$ 20.00	\$ 20.00		
4	2 ea		Straight Left turn or Right turn	\$ 30.00	\$ 30.00		
5	200 L.F.		Stop bars (Local Rd.) - 12"	\$ 1.00	\$ 1.00		
6	330 L.F.		Stop bars (Major Rd.) - 24"	\$ 2.00	\$ 2.00		
7	450 L.F.		Cross walk (Major Rd.) -24"	\$ 2.00	\$ 2.00		
8	5,000 L.F.		Curing Compound Removal	\$ 0.50	\$ 0.50		
ESTIMATED TOTAL OF PROPOSAL D:				\$ 6,080.00	\$ 6,080.00		
PROPOSAL D -GRAND TOTAL- 2 YEARS				Estimated	\$ 12,160.00	Estimated	
PROPOSAL E <u>Pavement Marking Tape - 3M Stamark</u>							
1	2 ea		School Legend	190.00	190.00		
2	35 ea		Only Legend	95.00	95.00		
3	35 ea		Right Arrow & Left Arrow	90.00	90.00		
4	2 ea		Straight Left turn or Right turn	150.00	150.00		
5	200 L.F.		Stop bars (Local Rd.) - 12"	4.00	4.00		
6	330 L.F.		Stop bars (Major Rd.) - 24"	8.00	8.00		
7	450 L.F.		Cross walk (Major Rd.) -24"	8.00	8.00		
8	200 ea		Sharrow	125.00	125.00		
ESTIMATED TOTAL OF PROPOSAL E:				\$ 39,195.00	\$ 39,195.00		
PROPOSAL E -GRAND TOTAL- 2 YEARS				Estimated	\$ 78,390.00	Estimated	

Opening Date -- 3/26/15
Date Reviewed -- 3/26/15

CITY OF TROY
BID TABULATION
STREET PAVEMENT MARKINGS

ITB-COT 15-08
Page 4 of 4

VENDOR NAME:

P. K. Contracting, Inc.

			Local preference bid pricing			
Item #	Est Qty Lineal Ft	DESCRIPTION	Year 1 Unit Price	Year 2 Unit Price	Year 1 Unit Price	Year 2 Unit Price
PROPOSAL F Recessed Urethane - per MDOT Specifications						
1	2 ea	School Legend	150.00	160.00		
2	35 ea	Only Legend	95.00	95.00		
3	35 ea	Right Arrow & Left Arrow	85.00	85.00		
4	2 ea	Straight Left turn or Right turn	140.00	140.00		
5	200 L.F.	Stop bars (Local Rd.) - 12"	3.50	3.50		
6	330 L.F.	Stop bars (Major Rd.) - 24"	7.00	7.00		
7	450 L.F.	Cross walk (Major Rd.) -24"	7.00	7.00		
8	200 ea	Sharrow	90.00	90.00		
ESTIMATED TOTAL OF PROPOSAL E:			\$31,060.00	\$ 31,060.00		
PROPOSAL F -GRAND TOTAL- 2 YEARS			Estimated	\$ 62,120.00	Estimated	\$ -
ITEM #	EST QTY Lineal Feet	DESCRIPTION	Year 1 Unit Price	Year 2 Unit Price	Year 1 Unit Price	Year 2 Unit Price
PROPOSAL G 03T811 (A10) // 03T811 (A90)						
1	1000	Recessing Pavement Marking	\$ 1.00	\$ 1.00		
2	1000	Primerless Patterned 4" Tape	\$ 3.00	\$ 3.00		
ESTIMATED TOTAL OF PROPOSAL G:			\$ 4,000.00	\$ 4,000.00		
PROPOSAL G -GRAND TOTAL- 2 YEARS			Estimated	\$ 8,000.00		
GRAND TOTALS OF ESTIMATED A - G			\$271,247.80	\$ 272,373.00		
PROPOSAL A TO G -GRAND TOTAL- 2 YEARS				\$ 540,620.80		
PROGRESS PAYMENTS:			per contract unit prices, net 30			
COMPLETION SCHEDULE:						
Can Meet				X		
Cannot Meet - but offers						
CONTACT INFORMATION						
Hr of Operations			24 hours/7 days			
24 Hr Phone No.			248-362-2130			
YEARS OF EXPERIENCE:			35			
LIST OF EQUIPMENT			Yes			
PREQUALIFICATION REQUIREMENTS:						
MDOT Classification:			see attached			
Company Numerical Rating:			blank			
INSURANCE:						
Can Meet				X		
Cannot Meet						
PAYMENT TERMS:			Net 30			
WARRANTY:			Manufacturer			
EXCEPTIONS:			N/A			
ACKNOWLEDGEMENT:			Signed Y or N	Yes		
FORMS:			Attached - Y or N	Yes		

HIGHLIGHTED AREA DENOTES LOCAL PREFERENCE BIDDER



**CITY OF TROY
BID PROPOSAL**

**ITB-COT 15-08
Page 1 of 10**

The undersigned proposes to furnish **TWO-YEAR REQUIREMENTS OF MAJOR STREET PAVEMENT MARKING WITH AN OPTION TO RENEW FOR ONE ADDITIONAL YEAR**, in accordance with the attached specifications, which are to be considered an integral part of the bid proposal, at the following prices:

COMPANY: P.K. CONTRACTING, INC

PROPOSAL A: PURCHASE OF THERMOPLASTIC EXTRUDE

ITEM	ESTIMATED QUANTITY - 50 lb. bags	DESCRIPTION	<u>2015</u>		<u>2016</u>	
			Year 1 Unit Price/ Bag	Annual Total – Year 1	Year 2 Unit Price/ Bag	Annual Total – Year 2
1.	2,000	Thermoplastic Extrude Alkyd White (City/County)	\$ 40.00	\$ 80,000.00	\$ 40.00	\$ 80,000.00
2.	1,000	Thermoplastic Extrude Alkyd Yellow (City/County)	\$ 35.00	\$ 35,000.00	\$ 35.00	\$ 35,000.00
<u>Proposal A – Estimated Total</u>				\$ 115,000.00		\$ 115,000.00

PROPOSAL A: Sprayable Thermoplastic

Manufacturer: SWARCO Product #: EW1131, EY1132

PROPOSAL B: RETRACE EXISTING MARKINGS

ITEM	ESTIMATED QUANTITY - Lineal Feet	DESCRIPTION	<u>2015</u>		<u>2016</u>	
			Year 1 Unit Price/ L.F.	Annual Total – Year 1	Year 2 Unit Price/ L.F.	Annual Total – Year 2
1.	173,800	Sprayable Thermo Plastic 4" solid white, pavement marking	\$.127	\$ 22,072.60	\$.13	\$ 22,594.00
2.	54,800	Sprayable Thermo Plastic 4" skip white, pavement marking	\$.127	\$ 6,959.60	\$.13	\$ 7,124.00
3.	281,000	Sprayable Thermo Plastic 4" solid yellow, pavement marking	\$.127	\$ 35,687.00	\$.13	\$ 36,530.00
4.	33,000	Sprayable Thermo Plastic 4" skip yellow, pavement marking	\$.127	\$ 4,191.00	\$.13	\$ 4,290.00
5.	1,000	Removal of pavement marking 4" yellow and/or white	\$.50	\$ 500.00	\$.50	\$ 500.00
<u>Proposal B – Estimated Total</u>				\$ 69,410.12		\$ 71,038.00

PROPOSAL C: MARKING NEW PAVEMENT - Sprayable Thermoplastic

ITEM	ESTIMATED QUANTITY – Lineal Feet	DESCRIPTION	<u>2015</u>		<u>2016</u>	
			Year 1 Unit Price/ L.F.	Annual Total – Year 1	Year 2 Unit Price/ L.F.	Annual Total – Year 2
1.	500	4" solid white	\$.35	\$ 175.00	\$.35	\$ 175.00
2.	500	4" skip white	\$.35	\$ 175.00	\$.35	\$ 175.00
3.	500	4" solid yellow	\$.35	\$ 175.00	\$.35	\$ 175.00
4.	500	4" skip yellow	\$.35	\$ 175.00	\$.35	\$ 175.00
<u>Proposal C – Estimated Total</u>				\$ 700.00		\$ 700.00

PROPOSAL D: PAVEMENT MARKING LEGEND – REMOVAL

ITEM	ESTIMATED QUANTITY -	DESCRIPTION	<u>2015</u>		<u>2016</u>	
			Year 1 Unit Price	Annual Total – Year 1	Year 2 Unit Price	Annual Total – Year 2
1.	2 Each	School Legend	\$40.00 /EA	\$ 80.00	\$40.00 /EA	\$ 80.00
2.	35 Each	Only Legend	\$ 30.00 /EA	\$ 1,050.00	\$ 30.00 /EA	\$ 1,050.00
3.	35 Each	Right Arrow & Left Arrow	\$ 25.00 /EA	\$ 875.00	\$ 25.00 /EA	\$ 875.00
4.	2 Each	Straight Left Turn or Right Turn	\$ 30.00 /EA	\$ 60.00	\$ 30.00 /EA	\$ 60.00
5.	200 L.F.	Stop bars (Local Rd.) – 12"	\$ 1.25 /LF	\$ 250.00	\$ 1.25 /LF	\$ 250.00
6.	330 L.F.	Stop bars (Major Rd.) – 24"	\$ 2.50 /LF	\$ 825.00	\$ 2.50 /LF	\$ 825.00
7.	450 L.F.	Cross walk (Major Rd.) – 24"	\$ 2.50 /LF	\$ 1,125.00	\$ 2.50 /LF	\$ 1,125.00
8.	5,000 L.F.	Curing Compound Removal	\$ 1.00 /LF	\$ 5,000.00	\$ 1.00 /LF	\$ 5,000.00
<u>Proposal D – Estimated Total</u>				\$ 9,265.00		\$ 9,265.00

COMPANY: P.K. CONTRACTING INC.

PROPOSAL E: PAVEMENT MARKING TAPE - 3M Stamark
Tape Series 270 ES or Alternate Material

ITEM	ESTIMATED QUANTITY -	DESCRIPTION	2015		2016	
			Year 1 Unit Price	Total - Year 1	Year 2 Unit Price	Total - Year 2
1.	2 Each	School Legend	\$175.00 /EA	\$350.00	\$175.00 /EA	\$350.00
2.	35 Each	Only Legend	\$100.00 /EA	\$3,500.00	\$100.00 /EA	\$3,500.00
3.	35 Each	Right Arrow & Left Arrow	\$90.00 /EA	\$3,150.00	\$90.00 /EA	\$3,150.00
4.	2 Each	Straight Left Turn or Right Turn	\$150.00 /EA	\$300.00	\$150.00 /EA	\$300.00
5.	200 L.F.	Stop bars (Local Rd.) - 12"	\$4.00 /LF	\$800.00	\$4.00 /LF	\$800.00
6.	330 L.F.	Stop bars (Major Rd.) - 24"	\$8.00 /LF	\$2,640.00	\$8.00 /LF	\$2,640.00
7.	450 L.F.	Cross walk (Major Rd.) - 24"	\$8.00 /LF	\$3,600.00	\$8.00 /LF	\$3,600.00
8.	200 each	Sharrow	AS 155.00 \$175.00 /EA	AS 31,000.00 \$35,000.00	AS 155.00 \$175.00 /EA	AS 31,000.00 \$35,000.00
Proposal E - Estimated Total			AS 45,340.00 \$49,340.00		AS 45,340.00 \$49,340.00	

PROPOSAL E: Pavement Marking Tape bid Manufacturer: 3M Product #: 270 ES

PROPOSAL F: RECESSED URETHANE PAVEMENT MARKING -
Per MDOT specifications

ITEM	ESTIMATED QUANTITY -	DESCRIPTION	2015		2016	
			Year 1 Unit Price	Annual Total - Year 1	Year 2 Unit Price	Annual Total - Year 2
1.	2 Each	School Legend	\$155.00 /EA	\$310.00	\$155.00 /EA	\$310.00
2.	35 Each	Only Legend	\$95.00 /EA	\$3,325.00	\$95.00 /EA	\$3,325.00
3.	35 Each	Right Arrow & Left Arrow	\$85.00 /EA	\$2,975.00	\$85.00 /EA	\$2,975.00
4.	2 Each	Straight Left Turn or Right Turn	\$140.00 /EA	\$280.00	\$140.00 /EA	\$280.00
5.	200 L.F.	Stop bars (Local Rd.) - 12"	\$3.45 /LF	\$690.00	\$3.45 /LF	\$690.00
6.	330 L.F.	Stop bars (Major Rd.) - 24"	\$6.90 /LF	\$2,277.00	\$6.90 /LF	\$2,277.00
7.	450 L.F.	Cross walk (Major Rd.) - 24"	\$6.90 /LF	\$3,105.00	\$6.90 /LF	\$3,105.00
8.	200 each	Sharrow	AS 145.00 \$155.00 /EA	AS 29,000.00 \$31,000.00	AS 145.00 \$155.00 /EA	AS 29,000.00 \$31,000.00
Proposal F - Estimated Total			AS 41,962.00 \$43,962.00		AS 41,962.00 \$43,962.00	

COMPANY NAME: P.K. CONTRACTING, INC.

PROPOSAL G: 03T811(A10) - RECESSING PAVEMENT MARKINGS
03T811(A90) - PRIMERLESS PATTERNED TAPE
As per MDOT Traffic and Safety Special Provisions (2012)

ITEM	ESTIMATED QUANTITY - Lineal Feet	DESCRIPTION	<u>2015</u>		<u>2016</u>	
			Year 1 Unit Price/ L.F.	Total – Year 1	Year 2 Unit Price/ L.F.	Total – Year 2
1.	1000	Recessing Pavement Marking	\$ 1.00	\$ 1,000.00	\$ 1.00	\$ 1,000.00
2.	1000	Primerless Patterned 4" Tape	\$ 2.00	\$ 2,000.00	\$ 2.00	\$ 2,000.00
<u>Proposal G – Estimated Total</u>				<u>\$ 3,000.00</u>		<u>\$ 3,000.00</u>

	2015	2016
ESTIMATED GRAND TOTAL – ALL PROPOSALS – BOTH YEARS	<u>\$ 284,677.12</u>	<u>\$ 286,305.00</u>

NOTE: All items of work noted in the specifications that are not specifically noted in the proposal shall be considered as included in the contract and shall be completed at no extra cost to the City of Troy.

UNIT PRICES:

Unit prices prevail (cost per Lineal Foot or Per Each). The City of Troy Purchasing Department will correct all mathematical errors.

CONTRACT FORMS:

Bidders should complete the Legal Status of Bidder, Non-Collusion Affidavit, Certification regarding Debarment and the Certification regarding "Iran Linked Business" forms and return with your bid proposal.

ESTIMATED QUANTITIES:

The quantities as shown on the proposal are estimated and the same for each year. The actual work may vary from the quantities stated in the bid proposal. The successful Contractor will be paid only for the work he does **at unit prices quoted** which may be more or less than the quantities shown. *A List is provided detailing Proposal "A" Pavement Segments and Lineal Footage.*

If the successful Contractor disagrees with any measurement, he must notify Ms. **Ashely Levin**, the designated City Representative, for verification at **(248) 524-1754**. Her decision as to the exact measurement to be paid will be final.

ADDITIONAL INFORMATION:

For additional general information or questions about this project, please contact Ms. **Ashely Levin**, Project Manager, at **(248) 524-1754** between the hours of **8:00 a.m. and 4:30 p.m.** or FAX QUESTIONS TO: (248) 524-3520.

AWARD:

The evaluation and award of this bid shall be a combination of factors, including but not limited to cost, professional competence, equipment, references, and the correlation of the proposal submitted to the needs of the City of Troy and any other factors considered to be in the City's best interest.

The City of Troy reserves the right to award this bid to the lowest total responsible bidder meeting specifications; to reject low bids which have major deviations from specifications; to accept a higher bid which has only minor deviations; whatever is deemed to be in the City of Troy's best interest.

COMPANY NAME: P.K. CONTRACTING, INC.

Bid Proposal

Major Street Pavement Marking

Page 5 of 10

PURCHASE ORDER:

After the Troy City Council has approved the award, the City of Troy Purchasing Department will send an award letter to the successful bidder. The successful bidder once notified, will be required to submit the specified bonds and insurance. A purchase order will be issued in approximately one-week and released, once acceptable bonds and insurance are received. The purchase order issued in conjunction with the Contract Form from the City of Troy will create a bilateral contract between the parties, and the successful bidder shall commit to perform the contract in accordance with specifications.

SUBCONTRACTORS:

The undersigned agrees to submit a list of proposed subcontractors, if applicable, for approval by the designated City representative within 72 hours after notification of being the low qualified bidder. It will be understood that this may occur prior to bid award, but the bidder's status will not be final until approved by the Troy City Council.

It will be the successful bidder's responsibility to ensure that any subcontractor performing work on this project is capable of doing the work as specified. The designated City representative retains the right to evaluate the work performed by or on behalf of the successful bidder and reserves the right to reject any work performed that is not in accordance with the specifications or is considered to be shoddy or poor workmanship. Payment will not be made until the successful bidder has corrected any deficiencies found to the satisfaction of the designated City representative.

TRAFFIC CONTROL:

Traffic control must be maintained at all times. The contractor shall provide the necessary signs, barricades, traffic cones, lights, flags, and whatever necessary to protect traffic and work, as directed by the designated City representative, in accordance with specifications, "**TRAFFIC MAINTENANCE**".

DOWN-PAYMENTS OR PREPAYMENTS:

Any bid received which requires a down-payment or prepayment for work progress prior to delivery and acceptance of the work as being in conformance with specifications will not be considered for award.

BID DEPOSIT AND FORFEITURE:

The bid deposit of the lowest bidder shall be forfeit if, after bid opening, a change in the bid price or other provision of the bid is required by the bidder which is prejudicial to the interest of the City of Troy or fair competition.

BOND SUBMITTAL:

Subsequently, upon notice of award to the successful bidder, the Contractor shall qualify for, sign, and deliver to the City of Troy an executed Performance Bond, an executed Labor and Materials Payment Bond, and an executed **two (2) year** Maintenance Bond secured by a surety company, acceptable to the City of Troy by being licensed to do business in Michigan, and be included on the U. S. Treasury Department Surety List and/or have a rating of A (-) or better by A. M. Best, and/or Standard and Poors, on standard AIA forms, **each in the amount of one hundred percent (100%) of the contract sum** (which includes the total contract amount for the two contract years). Attorneys-in-fact, who sign Performance and Payment Bonds, must file a certified copy of their power of attorney to sign such bonds. **The Contractor shall pay the cost of all bond premiums.**

IMPORTANT:

The undersigned has familiarized himself with the local conditions affecting the cost of the work, and with all documents provided herein which include the instruction to bidders, bid proposal, specifications, contract forms, and sample insurance certificate.

CONTRACT TERMINATION:

The City of Troy shall reserve the right to terminate the contract upon 30 days written notice due to poor performance. The City of Troy designated representative will be solely responsible for determining acceptable performance levels. His/her decision will be deemed in the City of Troy's best interest and will be final. The City of Troy reserves the right to re-award the contract to the next low bidder or re-bid the contract.

COMPANY NAME: P.K. CONTRACTING, INC.

TERMINATION FOR CONVENIENCE:

The City may cancel the contract for its convenience, in whole or in part, by giving the contractor written notice 30 days prior to the date of cancellation. If the City chooses to cancel this contract in part, the charges payable under this contract shall be equitably adjusted to reflect those services that are cancelled.

PROGRESS PAYMENTS:

The successful bidder shall establish with the City of Troy, the procedure for payment and retainages prior to commencement of work on this project. Each bidder should attach a progress payment schedule to the bid document at the time of bid submission.

Progress payments will be approved by the designated City representative in accordance with the schedule of payments the successful bidder submits with their proposal. The City of Troy reserves the right to withhold payments for work which is incomplete, shoddy, or not as specified, or until full acceptance for the portion of work completed which is being invoiced. The decision made by the City's representative concerning acceptable workmanship will be deemed in the City's best interest. Prior to release of the final payment, consent of surety document (AIA Document G707) will be required and signed by the surety Company.

Proposed Payment Schedule: PER CONTRACT UNIT PRICES, NET 30

COMPLETION SCHEDULE:

The contractor shall commence and complete work in accordance with specifications by **June 30th** of any given year.

- (☒) Our company can meet this schedule
(☐) Our company cannot meet this schedule but offers:

DELIVERY:

All materials are to be F.O.B. delivered, freight paid, to the various work sites within the City of Troy.

CONTACT INFORMATION:

Hours of operation: 24 HOURS / 7 DAYS 24 Hour Phone No. 248 362 2130

EXPERIENCE: Your Company has 35 years of experience in Pavement Marking.
(Number of Years)

PREQUALIFICATION REQUIREMENTS:

The Michigan Department of Transportation Pre-qualification Classification for this is: **80 N-3 (Pavement Marking)**. Prospective bidders must be pre-qualified with the Michigan Department of Transportation and must have proper classification and numerical rating required for the work on which he/she proposes to bid.

PRE-QUALIFIED MDOT CLASSIFICATION: SEE ATTACHED

COMPANY NUMERICAL RATING: _____

COMPANY NAME: P.K. CONTRACTING INC.

EQUIPMENT: Please list the number and types of equipment to be used if awarded this contract.
(Attach additional sheets to the bid document if necessary.)

NUMBER OF UNITS	TYPE OF EQUIPMENT
<u>1</u>	<u>THERMOPLASTIC STRIPER</u>
<u>1</u>	<u>THERMOPLASTIC MELTER</u>
<u>1</u>	<u>THERMOPLASTIC SUPPORT TRUCK (750)</u>
<u>8</u>	<u>PICK UP TRUCKS (550)</u>
<u>1</u>	<u>URETHANE HAND MACHINE</u>

REFERENCES:

Please list the Municipalities for which your company has completed similar work during the past three years. Also, indicate the year the work was completed. At least four (4) municipalities are requested to be furnished below. If your company has done work for the City of Troy in the past, it is required the City be listed as one of your references.

COMPANY: CITY OF TROY YEAR: 2012
ADDRESS: _____
PHONE: 248 524 3545 3409 CONTACT: JOE LIETAEERT
EMAIL: _____

COMPANY: CITY OF SOUTHFIELD YEAR: 2011
ADDRESS: _____
PHONE: 248 497 5711 CONTACT: DAVE WEIZWIAK
EMAIL: _____

COMPANY: CITY of Ann Arbor YEAR: 2011
ADDRESS: _____
PHONE: 734 260 3958 CONTACT: ADAM ADAM
EMAIL: _____

COMPANY: MDOT (STATEWIDE) YEAR: 2014
ADDRESS: _____
PHONE: 517 335 2837 CONTACT: MARY BRAMBLE
EMAIL: _____

COMPANY NAME: P.K. CONTRACTING, INC

APPROVED ALTERNATES:

The City of Troy designated City representative or her designee will review all items submitted for consideration as approved alternates. Their decision as to acceptability will be deemed in the City of Troy's best interest and will be final.

The City may elect, at the bidders expense, to require those bidders proposing an alternate product to provide additional details which may include presentations, demonstrations, samples or additional technical literature.

LOCAL PREFERENCE:

The City of Troy reserves the right to award a contract to a local business, one which pays City of Troy taxes (real and/or personal), if the bid of a local vendor is within 5% of the lowest responsive and responsible non-local bidder, then the local vendor is given one chance to match the low bid.

INSURANCE:

Insurance Requirements shall be in accordance with the attached **SAMPLE INSURANCE CERTIFICATE**. The required Insurance Certificate must be submitted to the Purchasing Department within five (5) business days of a verbal/ electronic request. The bid cannot be completely awarded without this Insurance Certificate. The Insurance Certificate may be faxed (248) 619-7608 to the City Offices, and is the only bid document accepted in this format.

- ☒ We can meet the specified insurance requirements.
- ☐ We cannot meet the specified insurance requirements.
- ☐ We do not carry the specified limits but can obtain the additional insurance coverage of \$ _____ at the cost of \$ _____.
Note: Please note the amendments on a sample insurance certificate and attach it to your bid proposal.
- ☐ Our bid proposal is reduced by \$ _____ if we lower the requirements to \$ _____.
Note: Please note the amendments on a sample insurance certificate and attach it to your bid proposal.

IMPORTANT: A Certificate of Insurance on an ACORD Form showing present coverage or a letter from your insurance agent or carrier that the insurance to be supplied will meet specifications SHOULD be attached to the bid document at the time of submission of the bid proposal to the Office of the City Clerk.

NOTE: Failure on the part of any bidder to contact his/her insurance carrier to verify that the insurance carried by the bidder meets City of Troy specifications may result in this bid proposal being completed incorrectly.

OTHER: Sole proprietors must execute a certificate of exemption from Worker's Compensation requirements or provide proof of Worker's Compensation Insurance. All coverage shall be with insurance carriers licensed and admitted to do business in Michigan and acceptable to the City of Troy.

COMPANY NAME: P.M. CONTRACTING, INC.

INSURANCE VERIFICATION: A bidder shall complete the above portion that details additional costs that may be incurred for specified coverage without purchasing the additional coverage prior to bid submission.

Letter Verification: The recommended bidder will be notified to submit a letter from the *insurance agent or carrier* that the insurance to be supplied will meet specifications. As an alternative, the recommended bidder may submit the certificate of insurance meeting specifications at this time at his/ her option. ***The City must receive this letter or certificate within 5 business days after verbal / electronic notification has been delivered to the recommended bidder or the bidder will be considered non-responsive and the bid un-awardable.*** This process will occur before presentation of the award recommendation to the Troy City Council.

Final Insurance Certificate Submission: *After approval by Troy City Council, the City of Troy will provide verbal/electronic notification to submit within 5 business days an insurance certificate in accordance with specifications. The City of Troy reserves the right to WITHHOLD AND KEEP any bid surety for failure to comply. The company will be considered in default of contract and will be barred from doing business with the City of Troy for a minimum of three (3) years for failing to meet insurance requirements.*

COMPANY NAME: P.K. CONTRACTING, INC.

SIGNATURE PAGE

PRICES: All bidders are held to bid prices for 60 days or bid award, whichever comes first, except the successful bidder whose prices shall remain firm for the entire contract period. The contract shall commence on the date of award and expire **June 30, 2017**.

The contract may be renewed for one (1) additional year through mutual consent of both parties within 90 days prior to contract expiration. This is a potential three (3) year contract. Both parties must agree to renew the contract under the same terms, conditions, and at Year 2 prices.

The renewal is subject to a favorable market survey and City Council approval. A request by City staff to determine the successful bidder's interest in renewing the contract in no way obligates the City. The option cannot be exercised without Troy City Council approval and a blanket purchase order issued.

SIGNATURE OF AUTHORIZED COMPANY REPRESENTATIVE: Aden Shea

NOTE: The undersigned also has checked carefully the bid figures and understands that he shall be responsible for any error or omission in this bid offer and is in receipt of all addenda as issued.

TAX ID: 38-2313864

COMPANY P.K. CONTRACTING, INC

ADDRESS 1965 BARRETT DR CITY TROY STATE/ZIP MI 48064

TELEPHONE NUMBER 248 362 2130 FAX NUMBER 248 362 4969

REPRESENTATIVES NAME ADEN SHEA

SIGNATURE OF AUTHORIZED COMPANY REPRESENTATIVE: Aden Shea (Print)

PAYMENT TERMS: NET 30 CHECK INCLUDED: YES

WARRANTY: MANUFACTURER EMAIL: aden@pkcontracting.com

EXCEPTIONS:

Any exceptions, substitutions, deviations, etc. from the City specifications and this proposal must be stated below. The reasons for the exception, deviation, etc. are an integral part of this bid offer.

N/A

ACKNOWLEDGEMENT:

I, ADEN SHEA, certify that I have read the **Instructions to Bidders** (2 Pages) and that the bid proposal documents contained herein were obtained directly from the City's Purchasing Department or MITN website, www.mitn.info and is an official copy of the Authorized Version.

SIGNATURE OF AUTHORIZED COMPANY REPRESENTATIVE: Aden Shea

IMPORTANT: All City of Troy purchases require a MATERIAL SAFETY DATA SHEET, where applicable, in compliance with the MIOSHA "Right to Know Law."

NOTE: The City of Troy, at their discretion, may require the bidder(s) to supply a Financial Report from an impartial Financial Credit Reporting Service before award of contract.

U.S. FUNDS: All prices quoted are to be in U.S. Currency.

G://Bid Documents11-12 /ITB-COT 15-08 Pavement Marking Program/ ITB-COT15-08 Pavement Marking Program.doc



**CITY OF TROY
MAJOR STREET PAVEMENT MARKING
GENERAL CONDITIONS**

The City of Troy Streets Division will be accepting bids for painting of longitudinal pavement markings. The attached detail of locations, measurements and specifications are to describe the requirement for pavement marking application.

PROGRESS SCHEDULE

The successful contractor shall begin work after receipt of the Purchase Order that shall commit the successful bidder to perform the contract in accordance with all provisions in the Bid Proposal including all specifications. The purchase order will be issued upon receipt of all specified documents including acceptable insurance certificate(s) and bonds.

The start date for year **2015**, and any year thereafter, shall be no earlier than **May 1st**. The contract shall be completed on or before June 30th of each year.

The Project Manager or the City designated representative will arrange a pre-construction meeting between the successful contractor and those parties deemed necessary to work out a detailed project schedule. This meeting will be held immediately upon the City's acceptance of the contractor's insurance and bonds as being in compliance with the specifications.

The Progress Schedule shall include, as a minimum, the starting and completion dates for major items, as well as, the final project completion date specified in the Bid Proposal.

Failure on the part of the contractor to carry out the provisions of the Progress Schedule, as established, may be considered sufficient cause to prevent bidding future projects until a satisfactory rate of progress is again established.

The starting date, contract time, or days to complete this project may be adjusted by the Streets Division without imposing liquidated damages upon the contractor when that City representative is in receipt of satisfactory documented evidence that unforeseen delayed delivery of critical materials will prevent the orderly execution of the work.



**CITY OF TROY
MAJOR STREET PAVEMENT MARKING
TRAFFIC MAINTENANCE
SPECIFICATIONS**

GENERAL

Traffic shall be maintained throughout the project in accordance with the 2012 Standard Specifications for Construction including any supplemental specifications, and as herein specified.

The contractor shall coordinate this work with other contractors performing work within common or adjoining areas, so as to avoid conflicts in maintaining traffic operations, signing, and the hindrance of the orderly progress of individual contract work.

CONSTRUCTION INFLUENCE AREA (CIA)

The CIA shall include the right-of-way of all roads scheduled under the terms of this contract for application of pavement markings.

TRAFFIC RESTRICTIONS

Application of pavement markings will only be allowed during daylight hours and by approval of the designated City Representative. The work shall be suspended during the time traffic is being unduly hampered or delayed by the work in progress as determined by the designated City Representative. The paint machine shall at all times occupy the travel lane adjacent to the marking being applied.

TRAFFIC CONTROL DEVICES

All traffic control devices and their usage shall be in accordance with the requirements in the 2000 Michigan Manual of Uniform Traffic Control Devices (MMUTCD) and as specified in the plans and/or the proposal. The cost of traffic control devices and their implementation shall be incidental to the project.



**CITY OF TROY
MAJOR STREET PAVEMENT MARKING
MOBILIZATION FOR OVERLAY STRIPING
SPECIFICATIONS**

Description

This item shall consist of preparatory work and operations including, but not limited to, those necessary for mobilization for overlay striping. These items are the movement of personnel, equipment, supplies and incidentals to the overlay site. All expenses incurred, prior to beginning work on the various contract items for the project shall be all-inclusive.

The contractor must mobilize sufficient forces within five (5) working days of notification to perform centerline and/or edge line striping on various roads in the city, which were recently overlaid (partial or full overlays).

Layout Work

All layout work for the location and placement of pavement markings shall be the responsibility of the designated City representative.

Work Magnitude

The amount of striping to be performed upon each mobilization may vary. There will be a number of various locations requiring varying types and length of striping. The contractor will not be notified unless a minimum of 2,000 LFT of striping is necessary. At the time of notification, the contractor will be provided with a list of locations and estimated lengths of striping required.

Application of Markings

Markings shall be applied per the City of Troy, Streets Division, and Specifications for Pavement Marking Applications.

Measurement and Payment

Upon completion of assigned striping requirements, the completed work will be paid for at the contract unit prices listed on the bid proposal.



**CITY OF TROY
MAJOR STREET PAVEMENT MARKING
PAVEMENT MARKING APPLICATION
SPECIFICATIONS**

DESCRIPTION

This work covers the furnishing and application of the Sprayable Thermoplastic pavement markings as per 2012 MDOT plans and specifications, the Michigan Manual of Uniform Traffic Control Devices, the proposal and/or the plans.

Materials

Section 920 of the 2012 "MDOT Standard Specifications for Construction" and the following special provisions contained herein shall apply.

The materials used shall meet the Oakland County Road Commission's current minimum specification requirements for Sprayable Thermoplastic marking materials.

Requirements for testing are not waived and the materials will be accepted for quality on the basis of a written certification from the supplier or contractor that the materials meet specification requirements. The right is reserved to make check tests of materials as may be deemed necessary and a confirmed pattern on non-compliance with specifications will be grounds for cancellation of certification privileges. Test results shall be supplied to the City of Troy within thirty (30) days of the start of work on this project. Sprayable Thermoplastic marking materials certification shall note that materials used are consistent with the materials approved by the Oakland County Road Commission.

SPRAYABLE THERMOPLASTIC

Sprayable Thermoplastic material and glass beads shall be sprayed uniformly at a thickness of no less than 40 mils. Since subsurface moisture can be present in amounts sufficient to affect proper bonding of the Sprayable Thermoplastic material, the contractor shall be responsible for insuring that the pavement is free of all excess moisture that may effect proper bonding prior to beginning work. All testing for moisture shall be documented and provided to the Designated City representative. The minimum ambient air and surface temperature shall be 50° F and rising at the start of marking operations. If work is started and the air temperature falls below 50° F and continual cooling is indicated, all work shall be stopped. Pavement marking material shall not be placed before May 1st or after June 30th.

SPRAYABLE THERMOPLASTIC – continued

Materials supplied under this proposal shall meet the requirements of AASHTO M-249 and specifications of Section 920: Permanent Pavement Markings of the MDOT 2012 Standard Specifications for Construction as applicable. The type, gradation, and application rates for glass beads used with sprayable thermoplastic marking material must meet the thermoplastic manufacturer's recommendation. The thermoplastic material shall be homogenously composed of pigment, filler, resins and glass reflectorizing spheres. The thermoplastic material shall be available in both yellow and white and the resin shall be alkyd.

Equipment

The pavement marking equipment shall be truck mounted and capable of applying three (3) yellow 4-inch minimum width centerline or two (2) white 4-inch minimum width lines or one (1) white 5-inch minimum width edge line in one pass of the equipment. The equipment shall have sufficient paint and bead capacity to enable sustained pavement-marking operations and shall be equipped so as to assure uniform application of the paint and beads.

The equipment shall have pressurized bead dispensers. In general, the equipment shall be that necessary to accomplish the marking in a safe and efficient manner. The Streets Division reserves the right to inspect the bidder's equipment before making an award of contract.

The paint truck shall be equipped with electronic measuring devices to measure the actual number of linear footage applied, both white and yellow. Each paint gun shall have a separate measuring device. The contractor shall use an accurate dashing mechanism, capable of being easily adjusted, to retrace existing lane or centerline markings as specified in the plans or as directed by the designated City representative.

The contractor shall equip the pavement-marking machine with a method of measuring the flow rate of the material to the applied line. Flowmeter, graduated tanks, or other method approved by the designated City representative is acceptable for measuring flow rate. The designated City representative may check calibration of any metering device at the City of Troy's discretion.

All vehicles used in the marking operation in traffic shall be equipped with rotating or oscillating flashers which are visible from both the front and rear of the vehicle and an illuminated target arrow, capable of being visible from either the front or rear of the vehicle.

Removal

When specified, existing pavement markings on old pavement or curing compound on new concrete shall be removed. The material shall be removed by methods meeting the approval of the Designated City representative and cause as little damage as possible to the surface texture of the pavement. Methods, which can provide acceptable results, are grinding, and air or shot blasting. Collected residue generated by the removal of pavement markings and curing compound must be disposed of properly.

The Contractor will not be allowed to use paint or bituminous bond coat to obliterate existing pavement markings. When special markings are removed (i.e., legends, symbols, arrows, crosswalks, and stop bars, etc.), the new markings shall be installed within five (5) working days of removal.

SPRAYABLE THERMOPLASTIC

When removing cold plastic, the removed material must be collected and disposed of properly.

Material deposited on the pavement as a result of removal shall be removed as the work progresses. Accumulation of material, which might interfere with drainage or might constitute a hazard to traffic, will not be permitted.

Where blast cleaning is used for the removal and such removal operation is being performed within 10 feet of a lane occupied by public traffic, the residue, including dust, shall be collected immediately after contact between the abrasive and the surface being treated. Collection shall be by a vacuum attachment operating concurrently with the blast cleaning operation, or by other equally effective methods meeting the approval of the Designated City Representative.

CONSTRUCTION METHODS

General - Pavement markings shall be Sprayable Thermoplastic marking materials applied on bituminous or concrete surfaces. Markings shall be either white or yellow in the lengths and widths specified in this proposal or as directed by the designated City representative. Typical pavement marking lane line applications are illustrated in Part III of the Michigan Manual of Uniform Traffic Control Devices.

Broken Line – Broken line of white color shall be applied as a 4-inch wide line on a cycle of 12-½ foot segment and 37-½ foot gap. The paint shall be applied uniformly at a minimum rate of 4 gallons of paint per mile of broken line.

CONSTRUCTION METHODS - continued

Short Skip Lane – Broken line of white color shall be applied as a 4-inch wide line on a cycle of 2-foot segment and 4 foot gap. The paint shall be applied uniformly at a minimum rate of 5.3 gallons of paint per mile of broken line.

Solid Line – Solid line of the color specified shall be applied as a solid 4-inch wide line. The paint shall be applied uniformly at a minimum rate of sixteen (16) gallons per mile of solid line.

Passing Lane Flares and Full Lane Width Driveway Approaches – All driveway approaches which utilize full lane width deceleration lanes (over 10 feet wide) and passing lane flares with a full lane width (over 10 feet wide) length of less than 400 feet shall be delineated with white short skip line placed to separate the through lane and widening lane.

Double Line - Double line of the color specified shall be applied as two (2) solid lines or one (1) solid and one (1) broken line, each 4 inches wide, separated by 1 to 6 inch space. The paint shall be applied uniformly at a minimum rate of thirty-two (32) gallons per mile of double line or twenty (20) gallons per mile of one solid and one broken line. Edge Line – Solid line of white color shall be applied as a solid 5-inch wide line. The paint shall be applied uniformly at a minimum rate of twenty (20) gallons per mile of solid line.

Stop Lines – Stop lines are solid white lines 24 inches wide, extending across all approach lanes. Stop lines, where used, should ordinarily be placed four feet in advance of and parallel to the nearest crosswalk line. In the absence of a marked crosswalk, the stop line should be placed at the desired stopping point, in no case more than 30 feet or less than four feet from the nearest edge of the intersecting roadway. If a stop line is used in conjunction with a STOP sign, it should ordinarily be placed in line with the STOP sign. However, if the sign cannot be located exactly where vehicles are expected to stop, the stop line should be placed at the stopping point.

Crosswalks and Crosswalk lines - Crosswalk lines shall be solid white lines, Crosswalk shall be marked with white longitudinal lines at a 90 degree angle. These lines should be approximately 24 inches wide and spaced 24 inches apart.

APPLICATION METHODS

General – Markings shall be applied according to section 811 of the 2012 MDOT Standard Specifications for Highway Construction.

Surface Preparation – Prior to the application of pavement markings, it is the contractor's responsibility to notify the designated City representative if any additional pavement cleaning is needed. The Streets Division will adequately clean the pavement before painting.

APPLICATION METHODS – continued

Loading Paint Machine – The paint and beads shall be loaded on the paint machine in a manner that will not interfere nor delay traffic.

Layout for Marking – All layout work necessary for the location and placing of pavement markings shall be the responsibility of the designated City representative.

Tolerances

New markings shall be applied as specified. Unless otherwise directed, existing line markings should be retraced with lines of equal length, allowing for a longitudinal tolerance of one (1) foot and a transverse tolerance of two (2) inches. The width of line applied shall be the width specified plus or minus one-quarter inch. Applied markings shall be sharp, well defined, provide uniform retroreflectivity, be free of uneven edges, over spray or other readily visible defects which, in the opinion of the designated City representative, detract from the appearance or function of the pavement markings.

Markings that are improperly located shall be corrected. Improperly located markings shall be removed at the contractor's expense, in a manner acceptable to the designated City representative, and reapplied in the correct locations at the contractor's expense.

Markings which are applied with material shortages exceeding six (6) percent of the specified application rates shall be properly reapplied at the contractor's expense or be subject to acceptance with applied deduction as provided in Deduction for Material Deficiencies.

Weather and Seasonal Limitations

Markings shall not be applied when the surface to be painted is damp.

No markings shall be applied when the surface temperature is less than 50°F. The contractor shall be responsible for making the decision to apply sprayable thermoplastic paint on any specific day

Placement and Protection of Pavement Markings - If markings are applied when the roadway is open to traffic, the following requirements shall apply:

Traffic shall be allowed to keep moving at all times and the striping equipment shall be operated in a manner that will not make it necessary for traffic to cross the uncured markings.

On a two lane two-way roadway, the contractor will not be allowed to apply the centerline(s) and edge line in one pass.

APPLICATION METHODS – continued

The protection of the wet paint shall be the responsibility of the contractor. The contractor shall furnish a pavement marking convoy consisting of a minimum of three moving vehicles, spaced and equipped in order to provide adequate traffic control and protection for the uncured markings. Markings obliterated by traffic shall be retraced at the contractor's expense.

If markings are applied when roadway is closed to traffic, the three vehicle pavement marking convoy is not required.

MEASUREMENT AND PAYMENT

Measurement and payment for the application of sprayable thermoplastic pavement markings is based on the number of lineal feet of 4-inch or 5-inch wide line actually placed. The gaps in broken lines are not included in the measurement.

The contractor shall cooperate with the designated City representative in providing these measurements whenever requested. The glass bead application rate will be determined by dividing the total pounds of glass used by the total gallons of paint applied.

The designated City representative at the end of each day's work will compute the quantity of pavement marking material and of glass beads applied per unit of measurement.

A day when the applied mileage is less than ten (10) miles of edge lines, centerlines, lane lines or channeling lines may be included in the next day's applied markings for the purpose of computing marking materials and beads application amounts.

Deduction for Material Deficiencies

A daily tolerance of six (6) percent for material shortages shall be permissible without deductions. Any determination of pay deduction resulting from shortages in marking materials or glass beads shall be based on measurements obtained under Measurement and Payment. If the six (6) percent tolerance has been exceeded on material shortages, the markings shall be reapplied at the contractor's expense or the contract unit price will be reduced in direct proportion to the greatest deficiency up to a maximum of 15 percent. The designated City representative will determine the option.

If the deficiency of any material is more than 15 percent, the day's work shall be considered unsatisfactory and shall be reapplied at the full expense to the contractor, including all labor, equipment, and material requirements.

Major Street Pavement Marking
Pavement Marking Application Specifications
Page 7 of 7

Any reapplied markings shall be applied at the minimum gallons per mile rate described in Construction Methods.

Payment for accepted quantities complete and in place will be made at contract unit prices, or prices adjusted as described herein. Payment shall be full compensation for all materials, labor, incidentals, and equipment necessary for placement of the fast-dry marking material.

FINAL ACCEPTANCE

Final acceptance of approved completed markings shall be 90 days after completion of all original work.

Unacceptable markings shall be reapplied with markings conforming to these specifications and requirements to the extent determined by the designated City representative at the contractor's expense.



Legal Status of Bidder:

The Bidder shall fill out the appropriate form and strike out the other two:

A **corporation** duly organized and doing business under the laws of the State of MICHIGAN for whom ADEN SHEA, bearing the office title of VICE PRESIDENT, whose signature is affixed to this proposal, is duly authorized to execute contracts.

~~A **partnership**, all members of which, with addresses, is:~~

~~_____

_____~~

~~AN **INDIVIDUAL**, WHOSE SIGNATURE IS AFFIXED TO THE PROPOSAL:~~

~~_____
_____~~



CITY OF TROY
OAKLAND COUNTY, MICHIGAN
NON-COLLUSION AFFIDAVIT

TO WHOM IT MAY CONCERN:

ADEN SHEA, being duly sworn deposed, says that he
(Print Full Name)

is VICE PRESIDENT. The party making the foregoing proposal or bid,
(State Official Capacity in Firm)

that such bid is genuine and not collusion or sham; that said bidder has not colluded, conspired, connived, or agree, directly or indirectly, with any bidder or person, to put in a sham bid or to refrain from bidding and has not in any manner directly or indirectly sought by agreement or collusion, or communication or conference, with any person to fix the bid price or affiant or any other bidder, or to fix any overhead, profit, or cost element of said bid price, or that of any other bidder, or to secure the advantage against the City of Troy or any person interested in the proposed contract; and that all statements contained in said proposal or bid are true.

Aden Shea
SIGNATURE OF PERSON SUBMITTING BID

Karen Bissonette
NOTARY'S SIGNATURE

Subscribed and sworn to before me this 26th
day of March
20 15 in and for Oakland County.

My commission expires:

Karen Bissonette
Notary Public, Macomb County, MI
My Commission Expires 05/07/18
Acting in Oakland County



**City of Troy
Oakland County, Michigan
Contract Form**

ARTICLES OF AGREEMENT, made and entered into this _____ day of _____

20____ by and between _____ of _____
(Name) (City and State)

herein after called the Contractor and the City of Troy, Troy, Michigan hereinafter called the Owner,

WITNESSETH, that the Contractor and the Owner for the considerations hereinafter named, agree as follows:

1. That all Contract Documents, as defined in the "General Conditions" and "Specifications" hereto attached or herein referred to shall be and are hereby made a part of the agreement and contract.
2. The Contractor shall, under penalty of bonds submitted, furnish all labor, materials, and equipment necessary and perform all of the work as set forth in his Proposal in strict accordance with the specifications and other documents which have been made a part of this contract in the manner, time, and place as therein set forth.
3. In consideration whereof, the Owner agrees to pay to the Contractor the amounts provided in the attached Proposal, being the product of the unit prices therein set forth, multiplied by the number of units actually constructed, all in the time and manner as set forth in the Contract Documents.
4. IN WITNESS whereof said parties have hereunto set their hands and seals, the day and year first above written.

WITNESS:

1. _____
(Contractor)
2. _____
(Title)

APPROVED: BY: _____
(Mayor)

City Manager or Designee

CITY OF TROY
(Owner)

RESOLUTION NUMER: _____

APPROVED AS TO FORM AND LEGALITY:
BY: _____

City Attorney

ATTEST: _____
(City Clerk)

Consent of Surety To Final Payment

AIA DOCUMENT G707

OWNER ☐
ARCHITECT ☐
CONTRACTOR ☐
SURETY ☐
OTHER ☐

TO OWNER: City of Troy

ARCHITECT'S PROJECT NO: _____

(Name & Address) 500 West Big Beaver
Troy, MI 48084

CONTRACT FOR: _____

PROJECT: _____

(Name & Address)

CONTRACT DATED: _____

BOND NO: _____

In accordance with the provisions of the Contract between the Owner and the Contractor as included above, the

(Insert Name and Address of Surety)

SURETY, on bond of _____
(Insert Name and Address of Contractor)

_____, CONTRACTOR,
hereby approves of the final payment to the Contractor, and agrees that final payment to the Contractor shall
not relieve the Surety of any of its obligations to: _____
(Insert Name and address of Owner)

_____, OWNER,
as set forth in the said Surety's bond.

IN WITNESS WHEREOF, the Surety has hereunto set its hand on this date: _____
(Insert in writing the month by the numeric date & year)

Attest: _____
(Seal)

(Surety)

(Signature of authorized representative)

(Printed Names & Title)

Printed in cooperation with the American Institute of Architects (AIA) by the CAN Insurance Companies. The language in this document
conforms exactly to the language used in AIA Document G707 – Consent of Surety Company to Final Payment – 1994 Edition.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
12/30/2014

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Valenti Trobec Chandler Inc 1175 W. Long Lake, Suite 200 Troy, MI 48098	CONTACT NAME: Gayle Botner	
	PHONE (A/C No. Ext): (248) 828-3377 FAX (A/C No.): (248) 828-3741 E-MAIL: gbotner@vtains.com ADDRESS: gbotner@vtains.com	
INSURED P. K. Contracting, Inc. 1965 Barrett Troy, MI 48084-5372	INSURER(S) AFFORDING COVERAGE	NAIC #
	INSURER A: Charter Oak Fire Insurance	25615
	INSURER B: Travelers	
	INSURER C:	
	INSURER D:	
	INSURER E:	
	INSURER F:	

COVERAGES

CERTIFICATE NUMBER: 14-15 PK Master

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY					
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY					EACH OCCURRENCE \$ 1,000,000
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR	X	CO324P3222COF	12/31/2014	12/31/2015	DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000
	<input checked="" type="checkbox"/> Contractual Liability					MED EXP (Any one person) \$ 10,000
	GEN'L AGGREGATE LIMIT APPLIES PER:					PERSONAL & ADV INJURY \$ 1,000,000
	<input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC					GENERAL AGGREGATE \$ 2,000,000
						PRODUCTS - COMPOP AGG \$ 2,000,000
						\$
A	AUTOMOBILE LIABILITY					
	<input checked="" type="checkbox"/> ANY AUTO					COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
	<input type="checkbox"/> ALL OWNED AUTOS	<input type="checkbox"/> SCHEDULED AUTOS	810324P3222COF	12/31/2014	12/31/2015	BODILY INJURY (Per person) \$
	<input checked="" type="checkbox"/> HIRED AUTOS	<input checked="" type="checkbox"/> NON-OWNED AUTOS				BODILY INJURY (Per accident) \$
						PROPERTY DAMAGE (Per accident) \$ 1,000
						Underinsured motorist BI single \$ included
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR					EACH OCCURRENCE \$ 20,000,000
	<input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE					AGGREGATE \$ 20,000,000
	<input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 10,000		CUP324P3222IND	12/31/2014	12/31/2015	\$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY					<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory In NH)	Y/N	HUB611K6637	12/31/2014	12/31/2015	E.L. EACH ACCIDENT \$ 500,000
	If yes, describe under DESCRIPTION OF OPERATIONS below	N/A				E.L. DISEASE - EA EMPLOYEE \$ 500,000
B	Leased/Rented Equipment		QF660813X9133	12/31/2014	12/31/2015	E.L. DISEASE - POLICY LIMIT \$ 500,000
						\$150,000 Limit

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

Project: City of Troy Street Pavement Markings. City of Troy is included as Additional Insured as respects General Liability as their interests may appear as required by written contract.

CERTIFICATE HOLDER

CANCELLATION

(248) 524-3328

City of Troy
500 W. Big Beaver
Troy, MI 48084

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Alan Chandler/V45



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF TRANSPORTATION
LANSING

KIRK T. STEUDLE
DIRECTOR

June 20, 2013

P.K. Contracting, Inc.
1965 Barrett Dr
Troy MI 48084-5372

01684

(248) 362-2130

Dear Vendor:

In accordance with our Administrative Rules we have established your numerical rating which is based on a financial rating of \$ 101,738,000.00, covering the classifications in the amounts stated below. This prequalification rating is effective until April 30, 2015.

101738	N3	- Pavement Marking
1000	N93D	- Grinding And Grooving
101738	N96I	- Raised Pavement Markers

It will be assumed that the rating is satisfactory unless the Prequalification Committee is notified in writing to the contrary within 15 days after the bidder has been advised of the rating granted. The Department, may declare a prequalified bidder ineligible to bid at any time because of developments subsequent to prequalification which, in their opinion, would affect the responsibility of the bidder or their ability to perform the contract work.

Jill D. Mullins
Manager
Construction Contracts Section
Contract Services Division